

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Choe et al. : Art Unit: 3694  
Serial No.: 10/065,772 : Examiner: D. L. Greene  
Filed: November 18, 2002 :  
For: APPARATUS AND METHODS FOR :  
OPTIMIZING REACTOR CORE :  
COOLANT FLOW DISTRIBUTION :

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

1. Transmitted herewith is:
  1. Amendment Transmittal with two month extension of time (3 pages)
  2. Amendment (19 pages)
  3. Request for Continued Examination (3 pages)

STATUS

2. Applicant  claims small entity status.  
 is other than a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.  
(complete (a) or (b), as applicable)

(a)  Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
first month	\$ 120.00	\$ 60.00
<input checked="" type="checkbox"/> second month	\$ 460.00	\$ 230.00
third month	\$ 1,050.00	\$ 525.00

fourth month	\$ 1,640.00	\$ 820.00
fifth month	\$ 2,230.00	\$1,115.00
Fee:		\$460

If an additional extension of time is required, please consider this a petition therefor.

*(Check and complete the next item, if applicable)*

An extension of \_\_\_\_\_ months has already been secured. The fee paid  
therefor \$\_\_\_\_\_ is deducted from the total fee due for the total months of  
extension now requested.

Extension fee due with this request \$\_\_\_\_\_

OR

(b) \_\_\_\_\_ Applicant believes that no extension of term is required. However, this  
conditional petition is being made to provide for the possibility that applicant has  
inadvertently overlooked the need for a petition for extension of time.

#### FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(Col. 1) CLAIMS REMAINING AFTER AMDT	(Col. 2) HIGHEST NO. PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	SMA.I. ENTITY	OTHER THAN SMALL ENTITY
TOTAL INDEP.	MINUS	=	x \$25.00 = \$	x \$50.00 = \$
	MINUS	=	x \$100.00 = \$	x \$200.00 = \$
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			+ \$180.00 = \$	+ \$360.00 = \$
			TOTAL ADDITIONAL FEE \$	OR TOTAL ADDITIONAL FEE \$

(a)  No additional fee for Claims is required

OR

(b)  Total additional fee for claims required \$ \_\_\_\_\_

#### FEE PAYMENT

5. Attached is a check in the sum of \$ \_\_\_\_\_

Charge Deposit Account No. 01-2384 the sum of \$1270.

**FEE DEFICIENCY**

6.  If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

**AND/OR**

If any additional fee for claims is required, charge Deposit Account No. 01-2384.

7.  Other:



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